```
2:INSPEC 1898-2006/Apr W3
File
         (c) 2006 Institution of Electrical Engineers
       6:NTIS 1964-2006/Apr W4
File
         (c) 2006 NTIS, Intl Cpyrght All Rights Res
       8:Ei Compendex(R) 1970-2006/Apr W4
File
         (c) 2006 Elsevier Eng. Info. Inc.
      23:CSA Technology Research Database 1963-2006/Apr
File
         (c) 2006 CSA.
      34:SciSearch(R) Cited Ref Sci 1990-2006/Apr W4
File
         (c) 2006 Inst for Sci Info
      35:Dissertation Abs Online 1861-2006/Apr
File
         (c) 2006 ProQuest Info&Learning
      65:Inside Conferences 1993-2006/May 02
File
         (c) 2006 BLDSC all rts. reserv.
File
      94:JICST-EPlus 1985-2006/Feb W1
         (c) 2006 Japan Science and Tech Corp(JST)
      95:TEME-Technology & Management 1989-2006/Apr W4
File
         (c) 2006 FIZ TECHNIK
      99:Wilson Appl. Sci & Tech Abs 1983-2006/Mar
File
         (c) 2006 The HW Wilson Co.
File 111:TGG Natl.Newspaper Index(SM) 1979-2006/Apr 24
         (c) 2006 The Gale Group
File 144: Pascal 1973-2006/Apr W2
         (c) 2006 INIST/CNRS
File 239:Mathsci 1940-2006/Jun
         (c) 2006 American Mathematical Society
File 256:TecInfoSource 82-2006/May
         (c) 2006 Info. Sources Inc
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
         (c) 1998 Inst for Sci Info
Set
        Items
                Description
S1
         1872
                AU=(HUNT P? OR HUNT, P?)
S2
            0
                AU= (MANEPALLY N? OR MANEPALLY, N?)
S3
            0
                S1 AND S2
S4
            0
                (S1 OR S2) AND (HASH??? OR MESSAGE()DIGEST???)
S5
                S1 AND (BACKUP? ? OR BACK???()UP? ? OR SYNCHRONI?)
```

(unique items)

S6

File 347:JAPIO Dec 1976-2005/Dec(Updated 060404) (c) 2006 JPO & JAPIO File 350:Derwent WPIX 1963-2006/UD,UM &UP=200627 (c) 2006 Thomson Derwent

Set	Items	Description
S1	120	AU=(HUNT P? OR HUNT, P?)
S2	3	AU=(MANEPALLY N? OR MANEPALLY, N?)
S3	1	S1 AND S2
S4	7	(S1 OR S2) AND IC=H04L
S5	1	(S1 OR S2) AND (HASH??? OR MESSAGE()DIGEST???)
S6	6	S4:S5 NOT S3

```
File
       2:INSPEC 1898-2006/Apr W3
         (c) 2006 Institution of Electrical Engineers
       6:NTIS 1964-2006/Apr W4
File
         (c) 2006 NTIS, Intl Cpyrght All Rights Res
       8:Ei Compendex(R) 1970-2006/Apr W4
File
         (c) 2006 Elsevier Eng. Info. Inc.
      23:CSA Technology Research Database 1963-2006/Apr
File
         (c) 2006 CSA.
      34:SciSearch(R) Cited Ref Sci 1990-2006/Apr W4
File
         (c) 2006 Inst for Sci Info
      35:Dissertation Abs Online 1861-2006/Apr
File
         (c) 2006 ProQuest Info&Learning
      65:Inside Conferences 1993-2006/May 02
File
         (c) 2006 BLDSC all rts. reserv.
File
      94:JICST-EPlus 1985-2006/Feb W1
         (c) 2006 Japan Science and Tech Corp(JST)
File
      95:TEME-Technology & Management 1989-2006/Apr W4
         (c) 2006 FIZ TECHNIK
      99:Wilson Appl. Sci & Tech Abs 1983-2006/Mar
File
         (c) 2006 The HW Wilson Co.
File 111:TGG Natl.Newspaper Index(SM) 1979-2006/Apr 24
         (c) 2006 The Gale Group
File 144: Pascal 1973-2006/Apr W2
         (c) 2006 INIST/CNRS
File 239:Mathsci 1940-2006/Jun
         (c) 2006 American Mathematical Society
File 256:TecInfoSource 82-2006/May
         (c) 2006 Info. Sources Inc
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
         (c) 1998 Inst for Sci Info
Set
        Items
                Description
$1
      1195385
                BACKUP? ? OR BACK???(2N)UP? ? OR REPOSITOR??? OR DEPOSITOR-
             ??? OR SYNCHRONIZATION? ? OR SYNCHRONISATION? ? OR SYNCHRONIZ-
             ??? OR SYNCHRONIS??? OR COPY???
S2
        22808
                HASH??? OR MESSAGE(2N) DIGEST? ?
S3
         2844
                ONE()WAY(2N)(ALGORITHM? ? OR FUNCTION? ?)
S4
        57880
                FINGERPRINT??? OR FINGER()PRINT???
S5
         4890
                S2:S4(3N)(FIRST OR 1ST OR ONE OR ORIGINAL?? OR INITIAL??)
S6
                S2:S4(3N)(SECOND OR 2ND OR NEXT OR ANOTHER OR AGAIN OR ADD-
             ITIONAL OR TWO OR DUAL OR PAIR)
S7
         2517
                S2:S4(3N)(COMBIN??? OR COMBINATION? ? OR MERG??? OR JOIN???
              OR CONCATENAT??? OR CONJOIN??? OR AGGREGAT??? OR GROUP???)
S8
            8
                S1 AND S5 AND S6 AND S7
S9
            4
                   (unique items)
S10
          402
                S1 AND S5:S6
S11
           31
                S10 AND S7
S12
           19
                RD (unique items)
S13
            3
                S12 NOT PY=2002:2006
S14
            3
                S13 NOT S9
          600
S15
                HASH??? (2N) HASH???
S16
           29
                S15 AND S1
S17
           26
                RD
                    (unique items)
S18
            7
                S17 NOT PY=2002:2006
S19
          160
                S1 AND S7
S20
         1169
                S2:S3(3N)(COMBIN??? OR COMBINATION? ? OR MERG??? OR JOIN???
              OR CONCATENAT??? OR CONJOIN??? OR AGGREGAT??? OR GROUP???)
S21
           60
                S20 AND S1
S22
           46
                RD (unique items)
S23
           24
                S22 NOT PY=2002:2006
S24
           21
                S23 NOT (S9 OR S14 OR S18)
```

S25	195	<pre>MESSAGE()DIGEST???(2N)MESSAGE()DIGEST???</pre>
S26	10	S25 AND S1
S27	9	RD (unique items)
S28	3	S27 NOT PY=2002:2006
S29	1	S2 (5N) MANIFEST?

File 348:EUROPEAN PATENTS 1978-2006/ 200617 (c) 2006 European Patent Office
File 349:PCT FULLTEXT 1979-2006/UB=20060427,UT=20060420
(c) 2006 WIPO/Univentio

Set S1		Description BACKUP? ? OR BACK???(2N)UP? ? OR REPOSITOR??? OR DEPOSITOR- ?? OR SYNCHRONIZATION? ? OR SYNCHRONIZ- ?? OR SYNCHRONIS??? OR COPY???
S2	14266	HASH??? OR MESSAGE(2N) DIGEST? ?
S3	2550	ONE()WAY(2N)(ALGORITHM? ? OR FUNCTION? ?)
S4	17977	
S5	6331	S2:S4(3N)(FIRST OR 1ST OR ONE OR ORIGINAL?? OR INITIAL??)
S6	3819	S2:S4(3N)(SECOND OR 2ND OR NEXT OR ANOTHER OR AGAIN OR ADD-
	II	IONAL OR TWO OR DUAL OR PAIR)
S7	1698	S2:S4(3N)(COMBIN??? OR COMBINATION? ? OR MERG??? OR JOIN???
	C	R CONCATENAT??? OR CONJOIN??? OR AGGREGAT??? OR GROUP???)
S8	23	S1 (100N) S5 (20N) S6 (20N) S7
S9	20	S8 NOT AD=20010629:20030629/PR
S10	18	S9 NOT AD=20030629:20060502/PR
S11	1674	HASH??? (2N) HASH???
S12	1471	MESSAGE()DIGEST???(2N)MESSAGE()DIGEST???
S13	421	S11:S12(100N)S1
S14	176	S11:S12(20N)S7
S15	33	S14(100N)S1
S16	26	S15 NOT AD=20010629:20030629/PR
S17	20	S16 NOT AD=20030629:20060502/PR
S18	17	S17 NOT S10

```
(c) 2006 JPO & JAPIO
File 350:Derwent WPIX 1963-2006/UD, UM &UP=200627
         (c) 2006 Thomson Derwent
Set
       Items
                Description
       292166
                BACKUP? ? OR BACK???(2N)UP? ? OR REPOSITOR??? OR DEPOSITOR-
S1
             ??? OR SYNCHRONIZATION? ? OR SYNCHRONISATION? ? OR SYNCHRONIZ-
             ??? OR SYNCHRONIS???
               HASH??? OR MESSAGE(2N) DIGEST? ?
S2
         4152
                ONE()WAY(2N)(ALGORITHM? ? OR FUNCTION? ?)
S3
          402
               FINGERPRINT??? OR FINGER()PRINT???
S4
        14313
S5
         1251
                S2:S4(3N) (FIRST OR 1ST OR ONE OR ORIGINAL?? OR INITIAL??)
S6
                S2:S4(3N)(SECOND OR 2ND OR NEXT OR ANOTHER OR AGAIN OR ADD-
             ITIONAL OR TWO OR DUAL OR PAIR)
                S2:S4(3N)(COMBIN??? OR COMBINATION? ? OR MERG??? OR JOIN???
S7
          223
             OR CONCATENAT??? OR CONJOIN???)
S8
               S1 AND S5:S6 AND S7
            1
                S1 AND S5 AND S6
S9
            3
               S9 NOT S8
S10
            3
               S1 AND S7
            3
$11
          261
                S5 AND S6
S12
               S12 AND S7
S13
           6
               S13 NOT (S10 OR S11)
S14
           6
S15
          235
               HASH???(2N)HASH???
S16
           4
                S15 AND S1
S17
          331
                S2:S4(3N)(COMBIN??? OR COMBINATION? ? OR MERG??? OR JOIN???
             OR CONCATENAT??? OR CONJOIN??? OR AGGREGAT??? OR GROUP???)
S18
            5
               S17 AND S1
S19
           2
               S18 NOT S11
S20
          144
               MESSAGE() DIGEST???(2N) MESSAGE() DIGEST???
S21
           7
               S20 AND S1
S22
           7
               S21 NOT (S10 OR S11 OR S14 OR S16 OR S19)
S23
           37
               S5:S7 AND COPY???
S24
          36
               S23 NOT (S10 OR S11 OR S14 OR S16 OR S19 OR S22)
S25
          24
               S24 NOT AD=20010629:20030629/PR
               S25 NOT AD=20030629:20060502/PR
S26
          16
S27
          10
               S17 AND COPY???
S28
           4
               S27 NOT S24
S29
          81
               S5:S6 AND S17
S30
           8
               S5 AND S6 AND S17
S31
           2
               S30 NOT S14
S32
          378
               S15 OR S20
S33
          20
               S32 AND (S1 OR COPY???)
$34
           9
               S33 NOT (S10 OR S11 OR S14 OR S16 OR S19 OR S22)
S35
               S34 NOT (S24 OR S28 OR S31)
           4
S36
           27
               S32 AND S17
S37
          25
               S36 NOT (S10 OR S11 OR S14 OR S16 OR S19 OR S22 OR S24 OR -
            S28 OR S31 OR S35)
S38
          17
               S37 NOT AD=20010629:20030629/PR
S39
          13
               S38 NOT AD=20030629:20060502/PR
S40
          22
               S29 AND IC=H04L
S41
          19
               S40 NOT AD=20010629:20030629/PR
S42
               S41 NOT AD=20030629:20060502/PR
S43
               S42 NOT (S10 OR S11 OR S14 OR S16 OR S19 OR S22 OR S24 OR -
```

File 347: JAPIO Dec 1976-2005/Dec (Updated 060404)

S28 OR S31 OR S35 OR S37)